



STATE OF NEVADA
Director's Office
DEPARTMENT OF ADMINISTRATION
209 E. Musser Street, Room 200 | Carson City, NV 89701-4298
Phone: (775) 684-0299 | www.admin.nv.gov | Fax: (775) 684-0260

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Cyber Security Awareness - A Day in the Life of the EITS Office of Information Security

A Day in the Life of EITS Office of Information Security (OIS) Continuous Monitoring Program consists of inspection of all inbound and outbound connections to and by the state. All internet/extranet/VPN traffic flows through EITS Wide Area Network (WAN) managed border firewalls (controlled by Inspection Checks Distributed Denial of Service (DDOS) protection) located in Carson City and Las Vegas. The devices' logs are examined by Symantec Managed Security Services (MSS) for malicious content, suspicious activity, failed login attempts, unauthorized scanning/access, malicious code (Trojans, viruses) and more. OIS receives notifications from Symantec MSS, MS-ISAC and other EITS WAN managed network monitoring devices, such as ClearSight, an Intrusion Protections Systems (IPS) and IPS Malware Inspection device.

This is what the EITS Office of Information Security Continuous Monitoring program does to keep state employees safe from cyber threats...

- Daily Logs: 327,947,081 Security Incidents Received.
- Monthly Logs: 11,117,564,418 Security Incidents Received.

Ever wondered what the top 5 signature attacks are on the state? Here's the log for last month: 339 Failed Login Attempts Detected (these are verified and validated as malicious intent and not instances of a legitimate forgotten or mistyped password); 275 Unauthorized Port Scans; 173 Aggressive Secure Shell Activity; 139 PHP Attack Signatures; and 107 Shellshock Vulnerability.

The following statistical information is for EITS WAN Engineering on an average work day

- 26,500 internal users on Silvernet
- 100,000 connections per second supported and monitored
- 629 enterprise networking and security devices
- 81 firewalls with 14 integrated IPS and content management systems at the network boundaries
- 325 LAN-to-LAN VPN tunnels and 1,300 clients

Below is the current list of agency appointed Information Security Officers (ISO) on file in the ISO office. To provide updates for this list, please contact Shirlee Bingham sbingham@admin.nv.gov

Name	Agency
Vacant (CISO)	EITS – Committee Chair
Steve Ingersoll (ISO)	Administration, GFO

Jeff Kintop (ISO)	Administration – NSLA
Joe Dabrowski (ISO)	Colorado River Commission
Tom Sanchez (ISO)	Attorney General’s Office
Josh Parker (ISO)	Controllers
Chris DeSocio (ISO)	Public Employee Benefits
Kevin Weiss (ISO)	CNR – EPA
James Ellis (ISO)	Transportation
Ernie Hernandez (ISO)	DHHS
Cindy Little (ISO)	Education
Shawn McFalls (ISO)	Agriculture
Vacant (ISO)	Corrections
Joe Bernardy (ISO)	Taxation
Brian Wilcox (ISO)	Motor Vehicles
Jeff Damario (ISO)	Public Utilities Commission
Jake Rich (ISO)	DETR
Rich Manley (ISO)	Treasurer’s Office
Bart London (ISO)	Secretary of State
Ramchander Giri (ISO)	Nevada Business Portal (SOS)
Grant Reynolds (ISO)	Business & Industry
Jeff Fuhler (ISO)	Veteran’s Services
Andrew Tucker (ISO)	Gaming Control Board
Jim Lemaire (ISO)	Department of Public Safety
Charles McCall (ISO)	DTCA (Tourism)
Shirley Micallef (ISO)	POST
Pat Wlodarczyk (ISO)	Wildlife
Kelly Kelly (ISO)	DHHS – Public and Behavioral Health

Pamela Condron (ISO)	DHHS - DCFS
Stephen Federizo (ISO)	DHHS - Aging and Disability Services
Robert Dehnhardt (ISO)	DHHS - Welfare
Larry Soga (ISO)	DHHS - DHCFP
Vacant (ISO)	Office of Energy
Steve Yates (ISO)	GOED
Nick Cranston (ISO)	Health Insurance Exchange